

HP

Exam Questions HPE6-A70

Implementing Aruba WLAN (IAW) 8.4



NEW QUESTION 1

An Aruba solution has a WLAN that uses WPA2-Enterprise security. How are encryption keys dynamically managed for the wireless users?

- A. The MM generates and distributes keys to clients and access points (APs).
- B. Administrators configure identical key strings on the Mobility Controllers (MCs) and wireless client 802.1X settings.
- C. Keys are generated and distributed securely during each wireless user authentication process.
- D. Keys are derived from the preshared key configured on the WLAN and on each wireless client.

Answer: C

NEW QUESTION 2

Refer to the exhibits. Exhibit 1

Exhibit 1 shows the 'General' tab of the WLAN configuration for 'Exam_Employee'. The settings are as follows:

- Name (ssid): Exam_Employee
- Primary usage: ☒ Employee ☐ Guest
- Select AP Groups: [Dropdown menu]
- Broadcast on: ☒ default ☐ PublicAreas
- Forwarding mode: Tunnel
- Broadcast SSID: Yes

Exhibit 2

Exhibit 2 shows the 'Security' tab of the WLAN configuration for 'Exam_Employee'. The settings are as follows:

- Key management: WPA-2 Enterprise
- Auth servers: myradiusser... (with a '+' button to add more)
- Reauth interval: 86400 sec.
- Machine authentication: Disabled
- Blacklisting: Disabled

On the left, a security level slider is shown with 'Enterprise' selected, between 'Personal' and 'Open', and above 'Less Secure'.

Network administrators use the Aruba Mobility Master (MM) wizard to create a WLAN and do not manually alter any of the profiles for that WLAN. The exhibits show some of the settings for the WLAN. Some wireless users cannot successfully connect to the WLAN. Network administrators attempt to connect on their own machines with a test account, and the connection is successful. They attempt to connect with the same account on user clients, and the connection fails. Which issue could prevent authentication from completing correctly?

- A. The user clients have unauthorized MAC addresses, so the RADIUS server rejects the authentication even though the username and password are correct.
- B. The user clients do not trust the RADIUS server certificate and are configured not to prompt users to trust new certificates.
- C. Some access points (APs) are not configured as clients on the RADIUS server, so user clients connected to them cannot authenticate.
- D. The RADIUS server has reached the maximum number of RADIUS clients that it can support, so it rejects new wireless clients.

Answer: B

NEW QUESTION 3

A company has an Aruba solution. The company wants to support a guest WLAN with the internal captive portal, but the company also wants to develop their own custom portal pages.

What correctly describes the level of customization that the internal captive portal supports?

- A. The internal captive portal must use the default pages without modification, but administrators can upload pages developed externally.
- B. Administrators can modify the default internal captive portal pages, but cannot upload pages developed externally.
- C. Administrators can modify the default internal captive portal pages or upload pages developed externally.
- D. The internal captive portal must use the default pages without modification, and administrators cannot upload pages developed externally.

Answer: C

NEW QUESTION 4

A network administrator wants to assign an authentication server group to the WPA2-Enterprise WLAN. Which profile should the administrator modify?

- A. Virtual AP
- B. SSID
- C. AAA
- D. L2 Authentication

Answer: C

NEW QUESTION 5

A company plans to deploy a Mobility Master (MM). The MM will manage 50 Mobility Controller (MC) appliances that will control a total of 680 APs, and 10 Virtual Mobility Controllers (VMCs) that will control a total of 160 APs.

How many MM licenses does the company require?

- A. 60
- B. 210
- C. 900
- D. 960

Answer: C

Explanation:

Starting with ArubaOS 8.0.1, the MM license is required to terminate devices (controllers or APs) on Mobility Master. If the Mobility Master does not have sufficient MM licenses and an AP fails to obtain a license, that AP can get an IP address and connect to its controller, but will not broadcast an SSID.

NEW QUESTION 6

A company has an Aruba Mobility Master (MM)-based solution that runs ArubaOS 8 and uses the default AirMatch and Client Match settings. The ARM profile has been disabled for 5GHz radios. How are channel and transmit power settings managed for these radios?

- A. with legacy ARM
- B. with Rule Based Client Match
- C. with legacy Client Match
- D. with AirMatch

Answer: D

NEW QUESTION 7

Which IEEE standard provides the highest transmission rates in the 2.4GHz frequency band?

- A. 802.11a
- B. 802.11ac
- C. 802.11g
- D. 802.11n

Answer: D

NEW QUESTION 8

Which task can an Aruba Spectrum Monitor (SM) perform?

- A. Analyze wireless traffic patterns at the application level.
- B. Optimize RF through the AP channel and transmit power plans.
- C. Analyze RF signals to determine the cause of non-802.11 interference.
- D. Help to detect rogue APs in the environment.

Answer: C

NEW QUESTION 9

An Aruba solution runs ArubaOS 8 and uses a mobility master architecture. Which feature can network administrators use to balance wireless devices across APs on different channels?

- A. AirMatch
- B. Client Match
- C. AppRF
- D. ARM

Answer: B

NEW QUESTION 10

Refer to the exhibit.



A network administrator adds a global rule in the area shown in the exhibit. Where does the global rule take effect?

- A. It immediately applies only to the guest role, as part of the final policy applied to the role. Administrators cannot apply the rule to other roles.
- B. It immediately applies to the guest role and other roles, as part of the first policy applied to the role.
- C. It immediately applies to the guest role and other roles, as part of the final policy applied to the role.
- D. It immediately applies only to the guest role and other roles, as part of the first policy applied to the role. Administrators can choose to apply the rule to other roles.

Answer: D

NEW QUESTION 10

Refer to the exhibit.

Clients(1) Default Columns ▾ ▲								
Client ▾	Health(%) ▾	IP Address ▾	Bond ▾	Radio PHY ▾	Client PHY ▾	Device ▾	Role ▾	Forward Mode ▾
employee	48	10.1.51.150	2.4 GHz	HT 2D MHz	HT 2D MHz	Unknown	guest	Tunnel

The exhibit shows output from a Mobility Master (MM) dashboard. What does the health status indicate?

- A. It takes the AP about twice as long to send data to the client as expected if all transmissions succeeded.
- B. About half of the heartbeats the client sends reaches the Mobility Manager (MM).
- C. The maximum data rate that 802.11ac supports is about twice as high as the data rate the client uses.
- D. The client device only complies with about half of the rules in the endpoint health policy.

Answer: A

NEW QUESTION 13

A company has an Aruba Mobility Master (MM)-based solution with a WLAN that assigns users to VLANs 10–19. The company wants the Aruba solution to act at Layer 3 to route wireless user traffic.

What must network administrators configure to permit the solution to forward traffic correctly?

- A. VLAN 10–19 interfaces and proper IP settings on the MM nodes
- B. trunk ports that support VLANs 10–19 on the managed Mobility Controllers (MCs)
- C. VLAN 10–19 interfaces on the Mobility Controllers (MCs) as the default gateway for wireless users
- D. trunk ports that support VLANs 10-19 on the MM nodes

Answer: C

NEW QUESTION 18

A network administrator creates an employee WLAN on an Aruba solution that uses WLAN WPA2-Enterprise security and an external RADIUS server. When the administrator tests the WLAN, the test client receives limited connectivity and cannot access any resources, but the RADIUS server shows that the user authenticated successfully.

What should the administrator check as a possible source of this issue?

- A. the connectivity between the AP that the client is associated to and the MC
- B. the firewall role and policy that apply to this user
- C. the certificate on the RADIUS server
- D. the connectivity between the Master Controller (MC) for the client and the RADIUS server

Answer: B

NEW QUESTION 23

A company wants to provide wireless access for visitors with their Aruba solution. Which configuration feature enables the guest to access the wireless network without authentication?

- A. use of internal captive portal with email registration
- B. addition of custom rules to control access for unauthenticated guests
- C. use of internal captive portal with authentication
- D. redirection of guests to an external captive portal that provides encryption services

Answer: B

NEW QUESTION 27

What is required for a WLAN that uses WPA2-Enterprise security?

- A. a Web server to host a login portal
- B. a shared password to secure access to the WLAN
- C. RADIUS server or servers
- D. a policy to allow unauthenticated users to receive RADIUS

Answer: C

NEW QUESTION 31

Refer to the exhibits.

Exhibit 1

AAA Profile: Exam_Employees

AAA Profile: Exam_Employees

Initial role: logon

MAC Authentication Default Role: guest

802.1X Authentication Default Role: guest

Download Role from CPPM:

Set username from dhcp option 12:

L2 Authentication Fail Through:

Multiple Server Accounting:

User Idle timeout: seconds

Max IPv4 for Wireless user: 2

RADIUS Interim Accounting:

Exhibit 2

Clients(1) Default Columns ▾ ▲								
Client ▾	Health(%) ▾	IP Address ▾	Bond ▾	Radio PHY ▾	Client PHY ▾	Device ▾	Role ▾	Forward Mode ▾
employee	48	10.1.51.150	2.4 GHz	HT 2D MHz	HT 2D MHz	Unknown	guest	Tunnel

An Aruba solution supports a WLAN that uses WPA2-Enterprise security. Exhibit 1 shows the AAA policy for the WLAN. Users are supposed to be assigned to different roles after authentication. Network administrators test a connection with the employee user account. Exhibit 2 shows the status for the client after this test. What is a possible reason for the issue shown in Exhibit 2?

- A. The shared key configured for the ClearPass server is incorrect.
- B. The RADIUS server is not correctly set up to send a user role for the employee account.
- C. MAC authentication is enabled on the WLAN, and the test device does not have an authorized address.
- D. The administrators entered the wrong password for the employee account.

Answer: B

NEW QUESTION 34

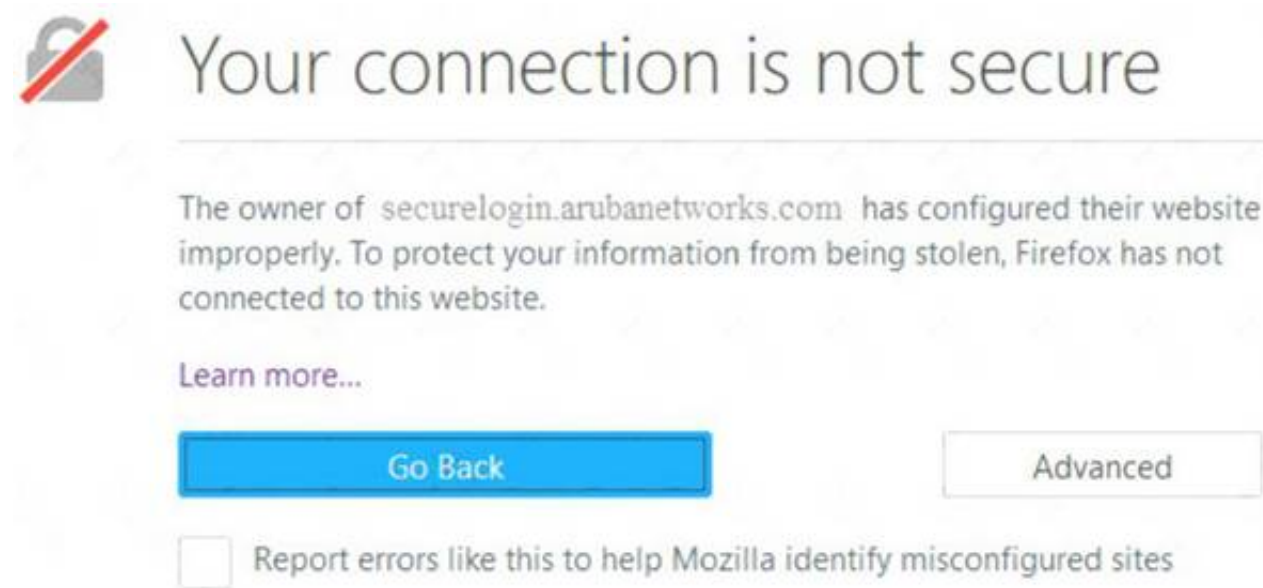
Which Mobility Master (MM) dashboard should an administrator access to view a list of rogue and interfering APs?

- A. Potential issues
- B. Security
- C. Performance
- D. Network

Answer: B

NEW QUESTION 36

Refer to the exhibit.



A company has a Mobility Master (MM)-based solution with a guest WLAN. During the captive portal redirection, users who access a non-HTTPS Website see the error shown in the exhibit.

How can a network administrator prevent this error?

- A. Enable automatic CPsec certificate deployment.
- B. Replace the default Mobility Master certificate with a certificate that has the correct hostname.
- C. Replace the default server certificate for mobility controllers with a certificate signed by a trusted CA.
- D. Reconfigure the guest WLAN to use EAP methods that rely on passwords rather than certificates.

Answer: C

NEW QUESTION 38

A company has an Aruba solution with a guest WLAN named exam_guest. A network administrator creates the guest WLAN with the wizard and does not change any of the default roles. The authentication server does not send particular role assignments for authorized users. The company wants to deny guest access to specific IP ranges after the guests authenticate.

For which role should the administrator create the rule to deny this traffic?

- A. exam_guest-guest-logon
- B. authorized
- C. guest-logon
- D. guest

Answer: D

NEW QUESTION 39

What is a key difference between an Aruba Air Monitor (AM) and an Aruba Spectrum Analyzer (SA)?

- A. An AM detects threats such as rogue APs, while an SA analyzes RF conditions.
- B. An AM detects rogue APs and provides data services to clients, while an SA only detects rogue APs.
- C. An AM scans on only one 802.11 frequency band, while an SA scans on both 802.11 frequency bands.
- D. An AM both detects wireless intrusion attempts and mitigates them, while an SA only detects wireless intrusion attempts.

Answer: A

NEW QUESTION 43

A company has an Aruba Mobility Master (MM)-based solution. Where can a network administrator look to find a list of alerts about a variety of issues on the MM or managed devices?

- A. the Potential Issues dashboard
- B. the top banner
- C. the MM Maintenance pages
- D. the Performance dashboard

Answer: B

NEW QUESTION 46

Refer to the exhibit.

Roles	Policies	Applications		
Roles > admins Policies Bandwidth Captive Portal More			Show Basic View	
NAME	RULES COUNT	TYPE	POLICY USAGE	
global-sacl	0	session	guest, stateful-dot1x, defa...	
apprf-admins-sacl	0	session	admins	
admins	0	session	admins	
allow-network1	1	session	admins	
+				
admins Policies > allow-network1				
TYPE	SOURCE	DESTINATION	SERVICE/APPLICATL...	ALLOW
ipv4	user	alias	any	permit

The alias in the rule shown in the exhibit is network 10.1.1.0/24.

A wireless client is assigned IP address 10.1.2.10/24 and the “admins” role. The wireless client at 10.1.2.10 attempts to initiate a Web session with a server at 10.1.1.2. A wired client at 10.1.1.3 attempts to initiate an SSH session with the wireless client at 10.1.2.10.

How does the Aruba firewall handle these attempts?

- A. The firewall drops the traffic from the wireless clien
- B. The firewall drops the traffic from the wired client.
- C. The firewall permits the traffic from the wireless client, but drops the return traffic from the serve
- D. The firewall drops the traffic from the wireless client.
- E. The firewall permits the traffic from the wireless client and also permits the return traffic from the serve
- F. The firewall permits the traffic from the wired client and also permits the return traffic from the wireless client.
- G. The firewall permits the traffic from the wireless client and also permits the return traffic from the serve
- H. The firewall drops the traffic from the wired client.

Answer: C

NEW QUESTION 51

A company deploys an Aruba wireless solution for the first time. In which deployment is clustering supported?

- A. deployment as Mobility Masters (MMs)
- B. deployment as a standalone VMC
- C. deployment in 7000 Series standalone mode
- D. deployment in master-local mode

Answer: A

NEW QUESTION 53

What is an advantage for a network administrator to use AirWave over a Mobility Master (MM)?

- A. ability to gather and analyze historical user data, and monitor client association and network usage trends
- B. scans wireless client settings and brings those settings in compliance with corporate security policies.
- C. ability to monitor and manage a Mobility Controller (MC) to configure the WLAN
- D. provides realtime firewall hits for client network troubleshooting

Answer: A

NEW QUESTION 57

Which improvement does ArubaOS 8 offer for the Client Match feature?

- A. It checks the compliance posture for Bring Your Own Device (BYOD) endpoints to improve security.
- B. It enables the application of unique CM rules for specific client types.
- C. It checks client behavior against a wider array of rules to detect more DoS attacks and intrusion attempts.
- D. It offloads client load balancing decisions to local controllers.

Answer: D

NEW QUESTION 59

A company plans to deploy a Mobility Master (MM) solution with two MM nodes. The MM solution will manage 20 Mobility Controller (MC) appliances that will control a total of 800 APs.

How should the network administrator install the AP licenses?

- A. 40 AP licenses on the MM
- B. 400 AP licenses on the MM
- C. 800 AP licenses on each MC
- D. 800 AP licenses on the MM and 40 AP licenses on each MC

Answer: A

NEW QUESTION 63

When an Aruba solution uses AirMatch, which device generates the channel and power plan for an AP?

- A. the AirWave Management Platform
- B. the Mobility Master (MM)
- C. the Mobility Controller (MC) for the AP
- D. the AP itself

Answer: B

NEW QUESTION 68

A network administrator creates the role employees and adds the rule to it: user any any permit

The first several wireless clients assigned to the employees role are assigned IP addresses in the 10.10.10.0/24 subnet. Several other wireless clients with the employees role are then assigned IP addresses in the 10.10.20.0/24.

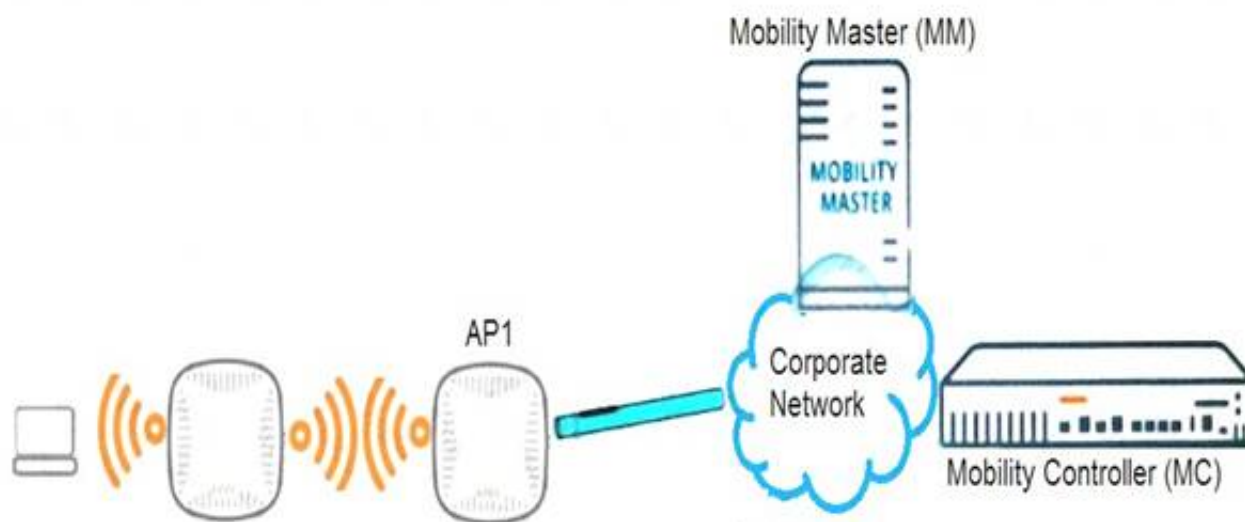
When the Aruba firewall matches traffic from these clients to the user any any permit rule, what does it do?

- A. It drops traffic from wireless clients in both the 10.10.0/24 subnet and 10.10.20.0/24 subnet.
- B. It permits traffic from wireless clients in both the 10.10.10.0/24 and 10.10.20.0/24 subnet as long as the packet has a source IP.
- C. It permits the traffic from wireless clients in the 10.10.20.0/24 subnet, but drops the traffic from wireless clients in the 10.10.10.0/24 subnet.
- D. It permits the traffic from wireless clients in the 10.10.0/24 subnet, but drops the traffic from wireless clients in the 10.10.20.0/24 subnet.

Answer: B

NEW QUESTION 73

Refer to the exhibit.



Which role must AP1 play?

- A. Instant AP (IAP)
- B. Mesh Point AP
- C. Mesh Portal AP
- D. Remote AP (RAP)

Answer: C

NEW QUESTION 74

Network administrators use the wizard to create a WLAN that uses WPA2-Enterprise security to a RADIUS server at 10.21.98.55. They do not manually change any settings.

Which device determines the EAP type that the wireless clients must support?

- A. Mobility Master (MM)
- B. Mobility Controller (MC)
- C. RADIUS server
- D. AP

Answer: C

NEW QUESTION 77

An Aruba Mobility Master (MM)-based solution has a WLAN that uses WPA2-Enterprise security. A test login on a wireless client fails.

How can a network administrator determine whether the RADIUS server rejected the credentials or another issue occurred?

- A. View Technical Support information for the MM.
- B. Ping the IP address configured as the RADIUS server.
- C. Use the MM AAA Server Test Diagnostic tool.
- D. Use the tools in the MM Dashboard > Security window.

Answer: C

NEW QUESTION 80

A network administrator configures this policy:


```
ip access-list session Guest
  user any svc-dhcp permit
  user any network 10.0.0.0 255.0.0.0 deny
  user any any permit
```

Users to which this policy applies are unable to receive IP addresses with DHCP. How should the administrator fix the issue?

- A. Change user to any in the user any svc-dhcp permit rule.
- B. Move the user any svc-dhcp permit rule to the bottom of the list.
- C. Remove the deny rule from the policy.
- D. Use the correct service alias in the user any svc-dhcp permit rule.

Answer: D

NEW QUESTION 84

What is a reason for a company to choose to deploy an Aruba 7024 Mobility Controller (MC) rather than an Aruba 7010 MC?

- A. to support 802.11ac Aps rather than only 802.11n APs
- B. to support more wireless users
- C. to support more POE devices directly connected to the MC
- D. to support a faster firewall throughput rate

Answer: C

NEW QUESTION 88

What is the minimum space between channels in the 2.4GHz range to prevent overlap?

- A. 1 channel
- B. 3 channels
- C. 5 channels
- D. 7 channels

Answer: C

NEW QUESTION 90

A network administrator has installed PEF licenses in the global pool of a Mobility Master (MM) solution. When the administrator tries to configure roles and policies, an error indicates that the PEF licenses must be installed. What should the administrator do to correct this issue?

- A. Ensure the PEF licenses were installed at the Managed Network and not at the MM level.
- B. Enable Building 1 as a local license pool.
- C. Enable the PEF feature in the Global Usage window.
- D. Activate the PEF licenses through an Aruba Activate account.

Answer: A

NEW QUESTION 94

A network administrator examines a list of 2.4GHz clients with low performance in the Mobility Master (MM) dashboard. Which property for a client should pose a concern as a potential performance issue?

- A. Radio PHY of HT 20MHz
- B. Max speed of 72Mbps
- C. SNR of 18
- D. Usage of 10 MB

Answer: C

NEW QUESTION 97

What are two criteria that distinguish different Aruba Mobility Controller (MC) models from each other?

- A. firewall speed and ability to act as a standalone controller or not
- B. number of supported users and firewall throughput
- C. number of supported APs and ability to support 802.11ac APs or not
- D. number of supported users and ability to support 802.11ac APs or not

Answer: B

NEW QUESTION 98

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